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ABSTRACT

This report presents tables representing the total faculty teaching workload at the Wisconsin State universities during the academic year 1970-71. The data were obtained from a Scholarly Activities Report filed by faculty members in February 1971. The average total weekly hours range from 56 hours for professors to an average of 41 hours for faculty assistants. When viewed within the context of the total faculty workload, the amount of time spend by faculty members in teaching activities constitutes the major portion of their total workload. The various categories to which time is allotted include: group instruction, individual instruction, preparation and associated activities, conferring with students about coursework, student advising, departmental level administration, overall institutional administrative functions, departmental research, budgeted research, student service, library, extension and public service, auxiliary enterprises, and other professional activities. (HS)



WISCONSIN STATE UNIVERSITIES REPORT ON WORKLOAD OF TEACHING FACULTY Foll Term 1970-71*

"The attempt to measure a faculty member's workload only in terms of how many hours he spends in formal group teaching is as erroneous as measuring the workload of a lawyer in terms of how many hours he spends arguing cases in court or the workload of a legislator only in terms of how many hours he spends debating and voting on the floor of the assembly or senate."

Research findings indicate "that students and faculty agree on which teachers are effective, and that the best and worst teachers engage in the same scholarly activities and allocate their time in the same way."²

The total facultyworkload consists of specific professional activities and duties in the broad areas of teaching, research, and public service. Teaching duties consist of activities such as organized group teaching, individual teaching, supervising graduate theses, preparation of lectures and other course materials, paper reading and correcting, advising and assisting students with course-related problems, and curriculum development. In addition to the teaching duties, there are research commitments, public services, committee assignments, general program planning and development, and departmental administrative duties. Research activities can be subdivided into those research projects specifically funded (project research) and research undertaken in direct support of the departments' instructional program (departmental research).

"It is misleading and potentially injurious to the effectiveness and quality of university teaching to have faculty workload measured and evaluated without a consideration of the total range of faculty duties and work expectations. The workload of other professionals, such as lawyers, cannot be measured simply by totaling the hours per week he spends in court. In fact, if the hours in court become so high that he has

ineffective. Similarly, a faculty member who spends so much time lecturing or meeting with laboratory classes that he has no time for preparation of lectures and developing laboratory procedures will rapidly become a less effective teacher. Thus, it is crucial that the total workload be determined so that the influence of an increase or decrease in group teaching duties on the teaching effectiveness of a faculty member may be properly assessed."

Several statistics are used to measure faculty workload. None of the statistics when used alone, however, are adequate to define the total workload effort. The following indicators are commonly used to describe the faculty teaching workload:

- 1. Faculty Contact Periods. Faculty contact periods per week is the sum of the class periods (each approximately one hour long) that a faculty member teaches groups of students per week.
 No consideration is given to the number of students involved nor the preparation necessary for each period of teaching.
- 2. Faculty Course Credits. Faculty course credits per semester is the sum of the semester credit values of courses taught.

 For example, a faculty member teaching a freshman course with four credits, two senior courses with three credits each, and a graduate course with two credits would have a total of twelve course credits.

 No indication of class size nor complexity nor difficulty of teaching is indicated.
- 3. Student Contact Periods. Student contact periods per week is the product of the periods of class time (lecture, discussion, or laboratory) and the number of students in the class.



For example, a lecture class meeting three periods per week with 40 students enrolled would produce 120 student contact periods. This indicator provides a measure of faculty contact with students only in credit-producing situations; it does not measure faculty-student exchange outside of the classroom nor does it measure preparation for instruction.

4. Student Credits. Student credits per semester is theproduct of the course credits and the course enrollments.

For example, a course offered for four credits with an enrollment of 35 students generates 140 student credits. This indicator does not. provide a reliable index of faculty-student contact outside of the classroom.

5. Hours per Week.

- a. Group Instruction refers to lecture, seminar, discussion and quiz, and laboratory sections of a semester or quarter duration.

 (Conferences, institutes, are included under "1" "Extension and Public Service")
- b. <u>Individual Instruction</u> independent study, reading, research, and thesis courses.
- c. Preparation and Associated Activities includes setting up laboratories, supervising faculty assistants, preparing and grading examinations, grading student reports, reference work directly associated with preparation for teaching courses, consultation about and supervision of student research and theses, and preparing, conducting, and grading degree examinations.
- d. <u>Conferring with Students about Course Work</u> includes only courses for which students are currently enrolled. (General academic advising is included under "e".)



- e. Student Advising advising students in regard to their total academic program. Does not include student conferences about the work of a course which is included in "d".
- f. <u>Departmental Level Administration</u> includes departmental activities, committee work, faculty meetings, etc. related to instruction.
- g. School or College, or Overall Institutional Administrative Functions academic program developments; preparation, review, and execution of the budget; facility planning and space allocation, etc.
- h. <u>Departmental Research</u> "non-budgeted" research supported by department funds as a specifically assigned and/or departmentally planned and/or mutually understood part of the faculty member's total regular responsibility; financed from instructional funds.
- i. <u>Budgeted Research</u> (organized, sponsored, or contract research) research conducted in separately budgeted and/or separately
 organized activities financed by "earmarked" research funds of
 the institution, or research conducted through separately budgeted
 accounts financed by funds outside of regular state appropriations
 but accepted by the institution for such research.
- j. Student Service services such as those of a counseling center, dean of men, placement center, financial aids office, student health center, student activities office, housing bureau, etc.
- k. <u>Library</u> includes all learning materials collection, storage, and circulation: books, films, etc.
- 1. Extension and Public Service includes conferences, institutes, workshops, etc. Also included are governmental and other counseling and consulting work for which pay is as a part of regular institutional salary, and radio and television activities.
- m. <u>Auxiliary Enterprises</u> includes intercollegiate athletics, residence halls, food service, student union, etc.

- not related to a particular course or courses currently taught;
 general reading and activities in relation to professional and
 scholarly associations to keep abreast of fields of scholarship;
 and any other type of scholarly activity of a professional nature
 not elsewhere reported and for which compensatiom is a part of
 regular institutional salary.
- o. <u>Total Hours per Week</u> the total hours per week represents the typical work week of a teaching faculty member im all university-related activities.

The data reported in Table I show average weekly staff time allocations for academic staff who are budgeted from <u>instructional</u> funds. The tables have been developed from information provided by faculty members on a Scholarly Activities Report filed by faculty members in February, 1971.

The average total weekly hours ranges from 56 hours for professors to an average of 41 hours for faculty assistants. It is also clear that the instructional faculty are not spending an inordinate amount of time in research activities. For example, an average of two hours per week are spent by faculty in research and public service activities. Any increase in faculty instructional worklead must come at the expense of an already minimal commitment to research and public service or result in a decrease in the quality of instruction.

When viewed within the context of the total faculty workload, the amount of time spent by faculty members in teaching activities constitutes the major portion of their total workload. The dominance of the teaching mission is evident in the Wisconsin State Universities.

There is great danger in equating "teaching" with "direct classroom or group instruction". First, this view does not recognize the amount of



is required to prepare for such teaching activities. Second, faculty members already carry a substantial workload and any shift in emphasis among the areas of teaching, research, or public service must necessarily result in trade-offs among these areas. An increased emphasis on teaching must come at the expense of research and public service which already are very minor portions of the total faculty workload.

A single indicator, such as time spent in formal classroom or group instruction, present a considerably limited view of the mission of higher education. Several other indicators which measure other aspects of teaching, as well as research and public service, are needed to present a complete view.

Teaching Faculty Workload Fall Term 1970-71

					•		
	Professors	Associate Professors	Assistant Professors	Instructors & Lecturors	Faculty	All Ranks	
Contact Periods and Credits per Week	•	. •		•	;	•	
Faculty Contact Periods	11.2	11.2	12.3	12.2	 	11.9	•
Faculty Course Credits	10.9	5.•6	9.7	10.3		10.1	
Student Contact Periods	417.0	361.0	387.0	432.0		401.0	
Student Credits	406.0	306.0	306.0	348.0		337.0	
Hours per Week							•
Group Instruction	11.2	12.5	12.8	12.4	15.6	12.3	
Individual Instruction	2.6	1.7	2.0	1.7	5.7	2.0	
Preparation.	17.9	19.0	19.7	21.5	12.3	co cv	
Conferring with Students about Course Work	5.9	ۍ 8	5.6	4.8	4.5	5.4	•
Advising Students on Academic Program	3.2	2.5	1.7	1.4	1.2	2.01	. •
Departmental Admin.	6.3	4.1	2.4	.1.5	7.	٠. ١٠	•
School, College, and University Admin.	3.1	1.6	1.1	o,	+	1.5	
Departmental Research	1.3	9.	1.2	7.		φ.	
Budgeted Research	1.1	0	6.		!	9•	
Student Services		ŗ.	7.	4.	!	in.	v
Library & Learning Resources	rces .4		φ.	∞.	۲.	. 9•	
Extension & Public Service	6. 95	,	7.	.2	!	7.	
Auxiliary Enterprises		Ŋ.	7	1.8	ຕຸ	6.	
Other	ئ. ت	6.2	6.4	6.2	2.4	6.1	
						• •	
Total Henrs Per Week	7. 09	56.7	56.1	. 0.45	42.6	56.0	

Teaching Faculty Time Allocations (in hours per week) Fell Term 1970-71

•			•		•				(<i>:</i>	
•		•	Associa	ate.	Assistant	ant		ctors	Teac	Teaching			
•	Profe	Professors UW WSU	Profess	WSU	Professors UW WSU	WSU	& Leot UM	Lecturers	ASSIS	tants 1.30	N E	Renks	
Teaching Duties	34	38	37.	39	. 07	75	43	42	43	39	33	- [3]	•
Group Teaching	22	26	26	29	30	31	39	32	37	. 24	30	31	
. Individual Teaching	Ŋ	9	7 :	4	7	S	t 1	. 7	t t	01	. 7	7	
Post-Dectoral Training	H	t •	Н	 				ţ		,!	3	t t	
Course/Curriculum Devel. Advising, Etc.	9	9	9	o	,	o	4	ø	ø	4	4	o	
		•			•				•				
Research Duties	ωl	71	<u>ما</u>	61	~!	71	mI		ال	'	~ !	~ I	•
Funded Research	S		5	н	ຕ	·(H	1	rt	•	. 7	₩.	•
Departmental Research .	4	_, e-t	. 4	·	4			:	-	;	ო	• •==	•
Public Service Activities	7.	H	. 4	н	. ⊢l		;1	1	1	1	7	H	
Dept./Div./Unit Duties	&	6	ø	۰.	4	4		.7	1.	н	'n	ا ا	
Other Activities	α,	vo	n	N.	И	∞ .	⊢ 1	. ø	••	m	. 23	9	•
Total Work Hours	. 55	56	. 22	54	54	. 56	20	54	. 95	. 41	. 54	55	
	·····	•	••••		•••		rational ages, be				,	•	

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Facuity Contact Periods per Week in Credit Courses (Group Teaching)

Fall Term 1970-71

Wisconsin State Universities Branch Campuses University of Wisconsin Madison Milwaukee 11.8 12.2 11.3 10.7 Milwaukee 11.8 12.2 11.3 10.7 Milwaukee 11.8 12.2 11.3 11.7 Creen Bay Centers Conters 11.0 11.0 10.1 10.5 11.7 11.0 11.0		Professors	Associate Professors	Assistant Professors	Instructors	Teaching Assistants	All Ronks
h Campuses. 14.7 14.0 15.5 of Wisconsin of Wisconsin of Wisconsin of Wisconsin of Wisconsin of Wisconsin on 8.9 10.1 9.7 8.2 3.9 likee 11.8 12.2 11.3 10.7 4.9 lide 9.7* 12.3 13.3 11.7 Bay 7.9% 10.5 9.9 9.3 cs 11.0 10.6 12.0	Wisconsin State	6 10.5	11.8	12.3	. 12.8		12.1
of Wisconsin S.9 10.1 9.7 8.2 skee 11.8 12.2 11.3 10.7 ide 9.7* 12.3 13.3 11.7 Bay 10.5 9.9 9.3 cs 11.0 10.6 12.0	ći.	14.7	•	14.0	15.5	!	15,4
of Wisconsin on 8.9 10.1 9.7 8.2 skee 11.8 12.2 11.3 10.7 ide 9.7* . 12.3 13.3 11.7 Bay 7.9* . 10.5 9.9 9.3 cs 11.0 . 10.6					÷	•	
8.9 10.1 9.7 8.2 11.8 12.2 11.3 10.7 9.7* 12.3 13.3 11.7 13.9 9.9 9.3 11.0 10.6 12.0	University of Wisconsin		•	•	•		•.
11.8 12.2 11.3 10.7 9.7* . 12.3 13.3 11.7 . 7.9* . 10.5 9.9 9.3 . . . 11.0 . 10.6 12.0	Nadison	. 6*8	10.1	7.6	8.	o.	
9.7*	Milwaukee	11.8	12.2	11.3	10.7	· ·	4
. 7.9% 10.5 9.9 9.3	Parkside	9.7%	. 12.3	13.3.	11.7		
	Green Bay	7.9%	. 10.5	0,	ທ	/ 	·.
	Centers		0.11.	. 10.6	12.0	!!!	•

^{*}Small number of full professors -- most involved in developing the new academic programs and scrving as concentration or division chairmen, thus with reduced classroom loads.

TEACHING FACULTY WORKLOAD (Group Instruction) Fall Term 1970-71

	Professors	Associate Professors	Assistant Professors	Instructors & Lecturers	All Ronks	
Faculty Contact Periods Wisconsin State Universities University of Wisconsin - Madison 8.9	10.5 8.9	11.8	12.3	12.8	12.1	•.
Faculty Course Credits Lisconsin State Universities University of Wisconsin - Madison*	10.3 8.8	10.3	10.8 8.9.	10.9	8.01	
Student Contact Periods Wisconsin State Universities University of Wisconsin System	417	361 275	387 284	. 432 278	401	•
Student Credits Wisconsin State Universitles University of Wisconsin System	406	306 253	306 241	348	337	

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COMPARISON OF REPORTS ON FACULTY TIME UTILIZATION 1965 and 1970

Data in the attached tables were collected from each person occupying a faculty position as shown on the Wisconsin State Universities October payroll and employed during the entire fall semester or quarter of 1965, and a 20 per cent sample of the full-time faculty of Stout State University and Wisconsin State University-Oshkosh in the fall semester of 1970.**

FACULTY BY RANK COMPARISON OF POPULATION AND SAMPLE

Rank		Population	Sample
20		17.6	14.3
Professor		20.3	22.1
	Professor		
Assistant	Professor	31.2	29.0
Instructo	r	27.5	26.4
Other		3.4	8.2
Number of	Cases	3,474	321

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WISCONSIN STATE UNIVERSITIES

FACULTY TIME UTILIZATION STUDY First Semester 1965-66 and 1970-71

Group Instruction Typical Hours Per Week

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WISCONSIN STATE UNIVERSITIES

FACULTY TIME UTILIZATION STUDY First Semester 1965-66 and 1970-71

Group Total Faculty Typical Hours per Week

Activity	Professors 1965 1970	ssors 1970	Associat Professo 1965 19	iate ssors 1970	Assistant Professors 1965 1970	ant ssors 1970	Instri 1965	Instructors 965 1970	Other 1965	1970	Total 1965 1	1970
INSTRUCTION Group (Class) Instruction Individual Instruction	32.61 9.13 1.56	31.22 8.76 1.55	37.43 11.70 2.56	33.40 9.42 2.57	40.13 12.00 1.78	34.65 10.63 1.88	37.43 11.67 1.75	30.82 9.27 .83	28.85 9.40 1.46	12.35 5.01 1.59	36.68 11.18 1.86	31.98 9.49 1.66
Preparation & Associated Activities Conferences with Students Academic Advising	14.91 3.44 3.57	14.33	16.93 3.98 2.26	15.36 3.90 2.15	20.00 4.36 1.99	16.06 4.59 1.49	18.71 3.91 1.39	15.43 3.81 1.48	14.47 2.91	3.43 1.36	17.76 3.89 1.99	15.01 4.11 1.71
RESEARCH Departmental Research Organized Research	.95 .33	3.32 1.71 1.61	1.28 .86 .42	2.53 1.27 1.26	.81 .58	1.58 .83	.79 .43 .36	.20	2.58 1.08 1.50	6.47 3.78 2.69	1.07	2.02 1.10 .92
ADULT EDUCATION & PUBLIC SERVICE	.72	1.30	.36	•93	•41	.31	.25	.29	.63	69•	.42	.62
SUPPORT SERVICES Student Scrvices Departmental Admin.	25.44 1.93 5.57	23.47 3.21 4.02	17.59 2.16 3.38	23.13 3.57 4.97	17.49 2.77 1.68	20.81 1.61 2.19	18.07 4.13 .92	24.97 3.02 2.09	24.93 6.69 .46	38.11 6.50 1.02	19.54 3.26 2.27	23.32 2.84 3.01
School, College & University Admin. Auxiliary Services Other Activities & Services.	10.13 .95 6.86	5.57	3.24 1.20 7.61	3.72 .58	1.85 2.05 9.14	1.95	67 3.70 8.65	1.42	3.33 6.15 8.30	4.98 12.03 13.58	3.17 2.56 8.28	2.75 1.44 13.28
TOTAL	59.7	59.3	56.7	0.09	58.8	57.4	56.5	56.8	57.0	57.6	57.7	57.9

WISCONSIN STATE UNIVERSITIES

FACULTY TIME UTILIZATION STUDY First Schester 1965-66 and 1970-71

Group: Research Typical Hours per Week

Activity	1965	1970
•	7.25	15.00
INSTRUCTION	2.86	8.00
Group (Class) Instruction	1.14	3.00
Individual Instruction		2.33
Preparation & Associated Activities	2.19	1.00
Conferences with Students	.48	* *
Academic Advising	•58	.67
7000		10.00
RESEARCH	48.95	40.00
Departmental Research	14.62	23.67
Organized Research	27.19	16.33
ADULT EDUCATION AND PUBLIC SERVICE	.09	2.00
	8.04	2.33
SUPPORT SERVICES	.71	.33
Student Services	.19	.67
Departmental Administration		
School, College and University Admin.		
Auxiliary Services	7.14	1.33
Other Activities and Services	/ • * •	
	57 9	59.33
TOTAL	57.2	J, 33

WISCONSIN STATE UNIVERSITIES

FACULTY TIME UTILIZATION STUDY First Semester 1965-66 and 1970-71

Group Public, Student, and Support Services Typical Hours per Week

ACTIVICAL STATES OF THE STATES	Professors 1965 1970	Associate Professors 1965 197	ors 1970	Professor 1965 19	ors 1970	Instructors 1965 1970	1970	0ther 1965 1	1970	Total 1965 1	1970
်တ် မြ	7.59	16.12 5.23 1.14	15.23 4.67 1.07	12.54 4.21 .62	8.36 2.20 .50	12.32 3.56 1.30	7.34 1.88 .39	6.36 1.63 1.58	4.19	12.91 3.98 1.02	8.24 2.30 46
Preparation and Associated 5.42 Activities 5.42 Conferences with Students 1.55 Academic Advising 2.92	3.60	6.04 1.53 2.18	4.93 2.73 1.83	4.68 1.41 1.62	3.20 1.10 1.36	4.64 1.07 1.75	2.74 .86 1.47	2.11 .51 1.03	1.25 .43 .86	4.76 1.26 1.98	2.0.1 1.00.1 1.00.1
RESEARCH Departmontal Research Organized Research	3.63 1.86 1.77	2.09	5.88 2.90 2.98	.81 .76 .05	3.08 1.73 1.35	98	2.04 1.61 .43	38	1.58	1.15	2.91
TRDULT EDUCATION AND PUBLIC SERVICE 1.01	2.56	.76	2,31	1.23	.17	.73	.63	.67.	•36	8.0	2.43
42.85 5.02 tration 7.60	47.62 10.06 8.16	39.83 9.29 8.41	37.83 11.01 9.76	44.42 15.50 3.67	46.49 ,9.26 2.97	45.77 17.65 1.63	47.19 9.60 1.96	51.93 17.63	54.97 10.13 1.31	44.55 12.80 4.51	46.22 10.81 5.74
School, College, and University Administration 22.00 Auxiliary Services 1.46 Other Activities and Services 6.77	11.10 1.20 17.10	9.41 2.66 10.06	8.14 1.47 7.50	6.97 5.51 12.77	8.76 2.00 23.50	1.96 12.32 12.21	3.65 5.89 26.09	8.19 15.38 10.03	7.69 18.76 17.08	9.72 7.10 10.42	8.56 6.49 14.62
TOIVI 59.9	61.4	58.8	61.3	59.0	58.1	59.8	57.2	59.9	61.1	59.5	8.65

- 1. Faculty Duties and Workload at the University of Wisconsin (Madison: Planning and Analysis, The University of Wisconsin, 1971), page ii.
- 2. Milton Hildebrand and Robert C. Wilson, <u>Effective University</u>
 <u>Teaching and its Evaluation</u> (Berkeley: University of California, 1970).

*This report was prepared by David R. Witmer, Director of Institutional Studies and Academic Planning, Board of Regents of State Universities, Madison, Wisconsin

**For definitions and detailed sampling descriptions see:

L. Joseph Lins, Report on Faculty Time Utilization Study . . . 1965-66, CCHE #27, (Madison: Wisconsin Coordinating Committee for Higher Education, 1967), 27 pages.

L. Joseph Lins, <u>Characteristics and Utilization of Time of Teaching Faculty . . (Nadison: Wisconsin Coordinating Council for Higher Education, 1971)</u>, xvi and 134 pages.

David R. Witmer, Report on Workload of Teaching Faculty, Fall Term 1970-71 (Madison: Board of Regents of Wisconsin State Universities, 1971), 10 pages.

